



# Electronic Filing System (EFS) Data

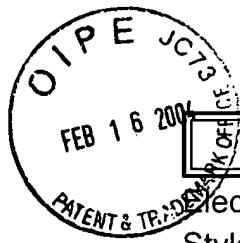
## Electronic Patent Application Submission

### USPTO Use Only

EFS ID: 55584  
Application ID: 10695229   
Title of Invention: System and Method for Antenne  
Diversity Using Joint Maximal  
Ratio Combining  
First Named Inventor: Gary Sugar  
Domestic/Foreign Application: Domestic Application  
Filing Date: 2003-10-28  
Effective Receipt Date: 2004-02-16  
Submission Type: Information Disclosure  
Statement  
Filing Type:  
Confirmation number: 4971  
Attorney Docket Number: Cognio18US2

Total Fees Authorized:

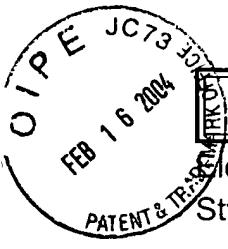
Digital Certificate Holder: cn=D. Andrew Floam,ou=Registered Attorneys,ou=Patent and Trademark Office,ou=Department of Commerce,o=U.S. Government,c=US  
Certificate Message Digest: b0a27ede0a7436edce606bdf16008a7dcef1e696



## TRANSMITTAL

Electronic Version v1.1  
Stylesheet Version v1.1.0

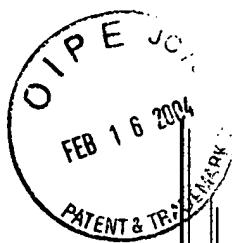
Title of Invention	System and Method for Antenne Diversity Using Joint Maximal Ratio Combining	
Application Number:	10/695229 	
Date:	2003-10-28	
First Named Applicant:	Mr. Gary L. Sugar	
Confirmation Number:	4971	
Attorney Docket Number:	Cognio18US2	
<p>I hereby certify that the use of this system is for OFFICIAL correspondence between patent applicants or their representatives and the USPTO. Fraudulent or other use besides the filing of official correspondence by authorized parties is strictly prohibited, and subject to a fine and/or imprisonment under applicable law.</p> <p>I, the undersigned, certify that I have viewed a display of document(s) being electronically submitted to the United States Patent and Trademark Office, using either the USPTO provided style sheet or software, and that this is the document(s) I intend for initiation or further prosecution of a patent application noted in the submission. This document(s) will become part of the official electronic record at the USPTO.</p>		
Submitted by:	Elec. Sign.	Sign. Capacity
Mr. Andrew Floam Registered Number: 34,597	/daf/	Agent
Documents being submitted us-ids	Files Cognio18US2-usidst.xml us-ids.dtd us-ids.xsl	
Comments		



## ELECTRONIC INFORMATION DISCLOSURE STATEMENT

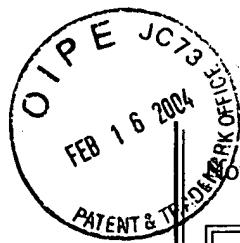
Electronic Version v18  
Stylesheet Version v18.0

Title of Invention	System and Method for Antenne Diversity Using Joint Maximal Ratio Combining						
Application Number:	10/695229 						
Confirmation Number:	4971						
First Named Applicant:	Gary Sugar						
Attorney Docket Number:	Cognio18US2						
Art Unit:	2682						
Search string:	( 5437055 or 5507035 or 4599734 or 5491723 or 5394435 or 4639914 or 6157340 or 6124824 or 6122260 or 6195045 or 6147985 or 6044120 or 6038272 or 6349219 or 6327310 or 6307882 or 6058105 or 6442214 or 6144711 or 6317466 or 6097771 or 6377631 or 6298092 or 6377636 or 6351499 or 6400699 or 5610617 or 6252548 or 5577265 or 6211671 or 6008760 or 6370182 or 6362781 or 6377819 or 6400780 or 6331837 or 6473467 or 6636568 or 20020064246 or 20020001316 or 20020136170 or 20020141355 or 20020172269 or 20020064246 or 20020001316 or 20020072392 or 20020122501 or 20020158801 or 20020159537 or 20020039884 or 20020067309 or 20020127978 or 20020085643 or 20020118781 or 20020122383 or 20020111142 or 20020102950 or 20010046255 or 20020024975 or 20010012764 or 20010053143 or 20010015994 or 20020034191 ).pn.						
<b>US Patent Documents</b>							
Note: Applicant is not required to submit a paper copy of cited US Patent Documents							
init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass
	1	5437055	1995-07-25	Wheatley, III	455	33.3	
	2	5507035	1996-04-09	Bantz et al.	455	133	
	3	4599734	1986-07-08	Yamamoto	375	40	
	4	5491723	1996-02-13	Diepstraten	375	267	



5	5394435	1995-02-18	Weerackody	375	206	
6	4639914	1987-01-27	Winters	370	110.1	
7	6157340	2000-12-05	Xu et al	342	174	
8	6124824	2000-09-26	Xu et al	342	174	
9	6122260	2000-09-19	Liu et al	370	280	
10	6195045	2001-02-27	Xu et al	B1	342	368
11	6147985	2000-11-14	Bar-David et al			
12	6044120	2000-03-28	Bar-David et al			
13	6038272	2000-03-14	Golden			
14	6349219	2002-02-19	Hochwald et al			
15	6327310	2001-12-04	Hochwald et al			
16	6307882	2001-10-23	Marzetta			
17	6058105	2000-05-02	Hochwald et al			
18	6442214	2002-08-27	Boleskei et al			
19	6144711	2000-11-07	Raleigh et al			
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21	6097771	2000-08-01	Foschini			
22	6377631	2002-04-23	Raleigh			
23	6298092	2001-10-02	Heath Jr.			
24	6377636	2002-04-23	Paulraj et al			
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30	6211671	2001-04-03	Shattil			
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32	6370182	2002-04-09	Bierly et al			
33	6362781	2002-03-26	Thomas et al			
34	6377819	2002-04-23	Gesbert et al			
35	6400780	2002-06-04	Rashid-Farrokhi et al			
36	6331837	2001-12-18	Shattil			
37	6473467	2002-10-01	Wallace et al	375	267	
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Note: Applicant is not required to submit a paper copy of cited US Published Applications

init	Cite.No.	Pub. No.	Date	Applicant	Kind	Class	Subclass
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	2	20020001316	2002-01-03	Hornsby et al	A1	370	487
	3	20020136170	2002-09-26	Struhsaker	A1	370	280
	4	20020141355	2002-10-03	Struhsaker et al	A1	370	280
	5	20020172269	2002-11-21	Xu			
	6	20020064246	2002-05-30	Kelkar et al			
	7	20020001316	2002-01-03	Hornsby et al			
	8	20020072392	2002-06-13	Awater et al			
	9	20020122501	2002-09-05	Awater et al			
	10	20020158801	2002-10-31	Crilly, Jr. et al			
	11	20020159537	2002-10-31	Crilly, Jr.			
	12	20020039884	2002-04-04	Raynes et al			
	13	20020067309	2002-06-06	Baker et al			
	14	20020127978	2002-09-12	Khatri			
	15	20020085643	2002-07-04	Kitchener et al			
	16	20020118781	2002-08-29	Thomas et al			
	17	20020122383	2002-09-05	Wu et al			
	18	20020111142	2002-08-15	Klimovitch			
	19	20020102950	2002-08-01	Gore et al			
	20	20010046255	2001-11-29	Shattil			
	21	20020024975	2002-02-28	Hendler			
	22	20010012764	2001-08-09	Edwards et al			
	23	20010053143	2001-12-20	Li et al			
	24	20010015994	2001-08-23	Nam			
	25	20020034191	2002-03-21	Shattil			

Signature

Examiner Name	Date